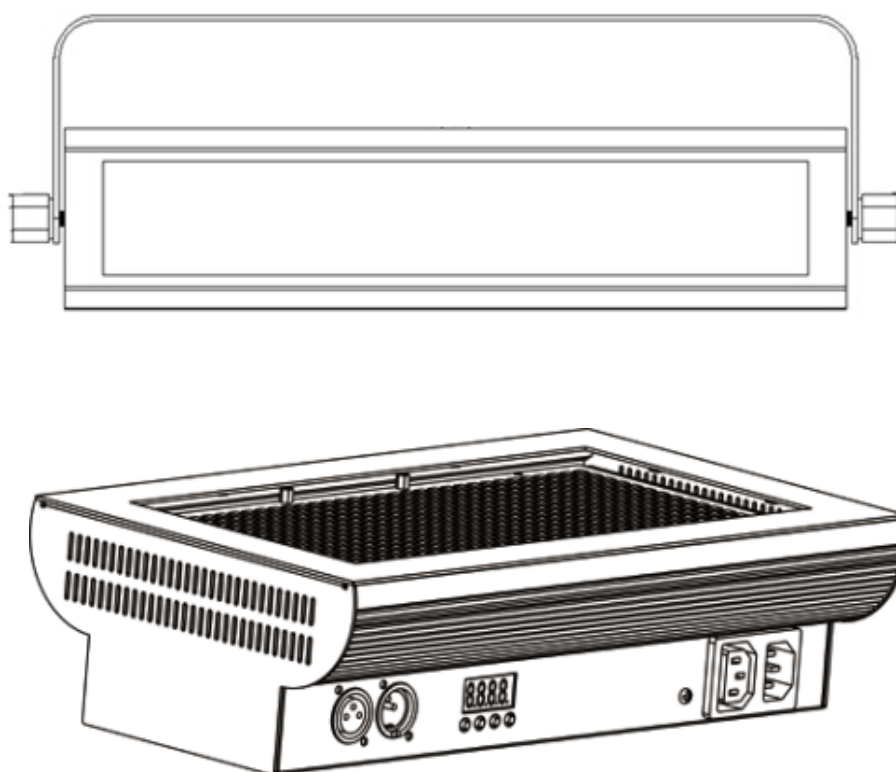


# LED RGB Strobe Light

→ User Manual



Please keep the manual carefully for future reference

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### Introduction

Thank you using our LED series products. This fixture is the latest new LED product. The product housing used Aluminum plastic material, beautiful appearance, with international advanced electronic control technology and excellent industrial design. Product effect more rich, colorful, and color is gorgeous because of installed high output light source.

LED can realize 0-255 brightness adjustment separately by controlled built-in microprocessor which used the high precision of constant current control mode. User can invoke the built-in program, scenario editors and master-slave control mode setting by menu. Also can setting rainbow, flash frequency and electric dimmer effect.

This product has a fast response, seismic, high impact resistance, good heat dissipation, high protection grade, long using life(LED life is 100,000hrs), no radiation, high efficiency and energy saving, low energy consumption, really the green products. Fully accepted international standard DMX512 signal.

This product applications widely, installation simple. Can widely used for the large fixed stage, lighting background dyeing, large-scale theatrical performances, stadium lighting, temporary stage, urban lighting system, TV, conference center, professional theatre, park, dance hall, bars, small artistic performances and public lighting environment.

### Packing Include

- 1\* Power cable
- 1\* User manual

### Caution

Before out factory, this device passed strict inspection, functions stable and perfect packing. If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short circuit, burns, electric shock, crash etc. If any technology changes of this manual, company do not notice in further and have interpretation.

#### CAUTION!



Keep this device away from rain and moisture!



Unplug mains lead before opening the housing!



#### Warning!

*Damages caused by the disregard of this user manual are not subject to warranty.  
The dealer will not accept liability for any resulting defects or problems.*

**Symbol Instruction On The Device**



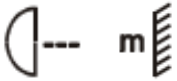
-----CE certificate



-----Only indoor using



-----RoHS certificate



-----The minimum distance from lighted objects(meter)

$T_a = \text{---} \text{ } ^\circ \text{C}$

-----Max ambient Temp

$T_B = \text{---} \text{ } ^\circ \text{C}$

-----Max housing Temp



----- Safety caution



-----Be careful of burn

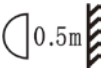


-----Danger high voltage




---Not allow installation directly on the surface of ordinary combustible materials

### 一、Safety instruction

- Once after received this product , please take and put carefully. And check cautiously that whether the product was damaged or not during the transportation, if yes, please not use this fixture and contact local dealers or manufacturers as soon as possible.
- The applicable temperature for the lighting is below 40°C. Do not use the lighting above the temperature.ta=40 °C
- The fixture applicable widely, it must keeping clean, Please do not in overheat or dusty environment use the device. Do not touching Chemical liquid.
- Should be paid attention to the use of this product: fire, heat, electric shock, loss caused by severe or fatal injury, in electricity or to read the instructions before installation, follow the safety instruction and pay attention to the manual and warning signs on the equipment, if you have any other questions about how safe operating equipment, please contact the dealer or manufacturer as soon as possible.
- According to the procedures described in this operating instructions, please do not open by yourself. Any break, please contact professionals, and must by the professional and technical personnel for repair.
- Do not power in and open before installation. Let have a rest when continuous work for eight hours. It will longer the device using lift.
- Fixed installation, to prevent the strong vibration or impact of the device.
- The distance between the device and the projectile to keep at least 0.5 meter. 
- Never look directly into the light source,as sensitive persons may suffer an epileptic shock(especially meant for epileptics)!
- When light output position of the device of dustproof glass breakage, cracks or other visible damage, user should replace the new glass to continue to use.

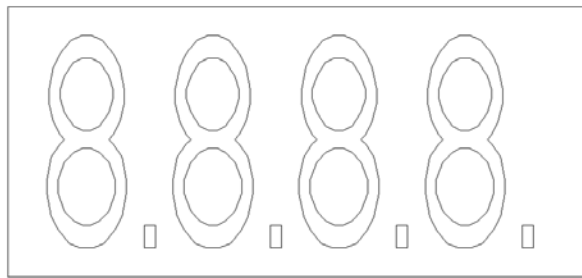
### 二、Installation

- When install this equipment please make sure there's no flammable surfaces (decorated things, etc) and minimum distance of 0.5M from the equipment to the flammable. 
- The installation of the effect has to be built and constructed in a way that it can hold 10 times the weight and without any harming deformation.
- The installation must always be secured with a secondary safety attachment, e.g. an appropriate safety rope.Never stand directly below the device when mounting, removing or servicing the fixture.

### 三、Product Specification

- 8 DMX512 channels mode
- Light source: high power LED, long use life, high output, no radiation and low consumption.
- Master-slave control mode.
- LED using static driving mode of constant current, constant current high precision level 256 brightness, flicker-free.A variety of strobe effect.
- LED display
- Built-in different inner program, can directly invoking it.
- 3-pins XLR
- Power supply: AC100V-240V 50/60Hz; Rated power: 30W/130W
- 5050 Patch LED: 132 X 0.2W RGB 3in1 LED/648X0.2W RGB 3in1 LED
- Max ambient Temp: 40 °C
- Housing max ambient Temp: 65 °C
- Net weight: 1.2Kg /3Kg
- Product size:310 X 118 X 65mm/390X250X125mm.

## LED digit display menu:



**A: ESC/MODE**

**B: UP**

**C: DOWN**

**D: ENTER**

**Operation instruction:** Press button A will cycle display 8 different functions effect, the front two value of LED digit means the current function( see function map). The end two value means functions' address and speed. Press B or C can adjust different value, press D enter.

## LED digit display menu instruction

ID	Display		Function instruction	
1	A001		DMX address setting (001-512)	
2	C000	C1.XX C2.XX C3.XX	Adjust the brightness	C100-C101 Red Blackout; C102 Red Min. brightness C199 Red Max. Brightness C200-C201 Green Blackout C202 Green Min. Brightness C299 Green Max. Brightness C300-C301 Blue Blackout C302 Blue Min. Brightness C399 Blue Max. brightness
		CF.XX	Adjust the strobe effect	CF00 Stroboscope deactivated CF01 Strobe approx.1 Hz CF99 Strobe approx.30 Hz
3	CM00	CM.XX	Colour macros	CM01 Red CM02 Green CM03 Blue CM04 Yellow CM05 Magenta CM06 Cyan CM07 White
4	JU00	JU.XX	Adjust colour change speed	JU00 Minimal colour changing speed JU99 Maximum colour changing speed
		JF.XX	Adjust strobe effect	JF00 Stroboscope deactivated JF01 Strobe approx.1 Hz JF99 Strobe approx.30 Hz

## *LED Strobe Light User Manual*

5	FA00	FA.XX	Adjust the fading speed	FA00 Min fading speed FA99 Max fading speed
		FF.XX	Adjust the strobe effect	FF00 Stroboscope deactivated FF01 Strobe approx.1 Hz FF99 Strobe approx.30 Hz
6	AUTO	AU.XX	Auto mode	AU00 Min effect speed AU99 Max effect speed
7	SLAV		Slave mode	
8	SOUN		Sound mode	S000 Min. sensitivity S099 Max. sensitivity
9	xCHx	X.CH	DMX Channel mode option	

### DMX512

#### 1 channels mode instruction( both 132 and 648 version)

Channel		Value 0-255	instruction
CH1	Strobe	0-10	Close
		11-255	Strobe slow-fast 0Hz-30Hz

#### 2 channels mode 1 instruction( both 132 and 648 version)

Channel		Value 0-255	instruction
CH1	Dimmer	0-255	Master dimmer
CH2	Colour Macro	0-5	Colour off
		6-13	Red
		14-021	Amber
		022-029	Yellow warm
		030-037	Yellow
		038-045	Green
		046-053	Turquoise
		054-061	Cyan
		062-069	Blue
		070-077	Lavender
		078-085	Mauve
		086-093	Magenta
		094-101	Pink
		102-109	Warm white
		110-117	White
		118-125	Cold white
		126-128	Color jumping stop
		129-192	Color jumping speed slow to fast/ color 1->12
		193-255	Color fading speed slow to fast/ color 1->12

**2 channels mode 2 instruction( both 132 and 648 version)**

Channel		Value 0-255	instruction
CH1	Dimmer	0-255	Master dimmer
CH2	Strobe	0-5	Strobe open
		6-10	Strobe closed
		11-250	Strobe slow to fast 0Hz-30Hz
		251-255	Strobe open

**3channels mode 1 instruction( both 132 and 648 version)**

Channel		Value 0-255	instruction
CH1	Dimmer	0-255	Master dimmer
CH2	Strobe	0-5	Strobe open
		6-10	Strobe closed
		11-250	Strobe slow-fast 0Hz-30Hz
		251-255	Strobe open
CH3	Duration	0-255	Flash duration(0ms to 510ms)

**3channels mode 2 instruction( both 132 and 648 version)**

Channel		Value 0-255	instruction
CH1	Dimmer	0-255	Master dimmer
CH2	Strobe	0-5	Strobe open
		6-10	Strobe closed
		11-250	Strobe slow-fast 0Hz-30Hz
		251-255	Strobe open
CH3	Colour Macro	0-5	Colour off
		6-13	Red
		14-021	Amber
		022-029	Yellow warm
		030-037	Yellow
		038-045	Green
		046-053	Turquoise
		054-061	Cyan
		062-069	Blue
		070-077	Lavender
		078-085	Mauve
		086-093	Magenta
		094-101	Pink
		102-109	Warm white
		110-117	White
		118-125	Cold white
		126-128	Color jumping stop
		129-192	Color jumping speed slow to fast/ color 1->12
		193-255	Color fading speed slow to fast/ color 1->12



**3channels mode 3 instruction( both 132 and 648 version)**

Channel		Value 0-255	instruction
CH1	Red	0-255	0--100%
CH2	Green	0-255	0--100%
CH3	Blue	0-255	0--100%

**4 channels instruction( both 132 and 648 version)**

Channel		Value 0-255	instruction
CH1	Master Dimmer	0-255	Master dimmer
CH2	Strobe	0-5	Strobe open (react to dimmer CH1)
		6-10	Strobe closed
		11-33	Puls random, slow-fast
		34-56	Ramp up random, slow to fast
		57-79	Ramp down random, slow to fast
		80-102	Random strobe effect, slow to fast
		103-127	Strobe break effect, 5s...1s (very short flash)
		128-250	Strobe slow to fast 0Hz-30Hz
		251-255	Strobe open (react to dimmer CH1)
CH3	Colour Macro	0-5	Colour off
		6-13	Red
		14-021	Amber
		022-029	Yellow warm
		030-037	Yellow
		038-045	Green
		046-053	Turquoise
		054-061	Cyan
		062-069	Blue
		070-077	Lavender
		078-085	Mauve
		086-093	Magenta
		094-101	Pink
		102-109	Warm white
		110-117	White
		118-125	Cold white
		126-128	Color jumping stop
		129-192	Color jumping speed slow to fast/ color 1->12
		193-255	Color fading speed slow to fast/ color 1->12
CH4	Sound	000-005	Sound control OFF ( Mic Sensitivity)
		006-255	Sound control ON low-high ( Mic sensitivity)

**6 channels instruction( both 132 and 648 version)**

Channel		Value 0-255	instruction
CH1	Dimmer	0-255	Master dimmer
CH2	Strobe	0-5	Strobe open (react to dimmer CH1)
		6-10	Strobe closed
		11-33	Puls Random, slow-fast
		34-56	Ramp up Random, slow-fast
		57-79	Ramp down Random, slow -fast
		80-102	Random strobe effect, slow -fast
		103-127	Strobe Break Effekt, 5s...1s (very short flash)
		128-250	Strobe slow-fast 0Hz-30Hz
		251-255	Strobe open
CH3	Red	0-255	0--100%
CH4	Green	0-255	0--100%
CH5	Blue	0-255	0--100%
CH6	Sound	0-5	Sound control OFF ( Mic sensitivity)
		6-255	Sound control ON low-high(Mic sensitivity)

**四、 DMX-512 control connection**

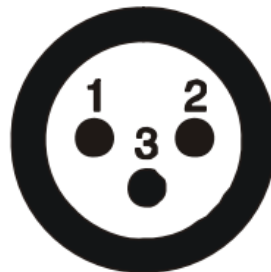
**3-pins DMX Out**

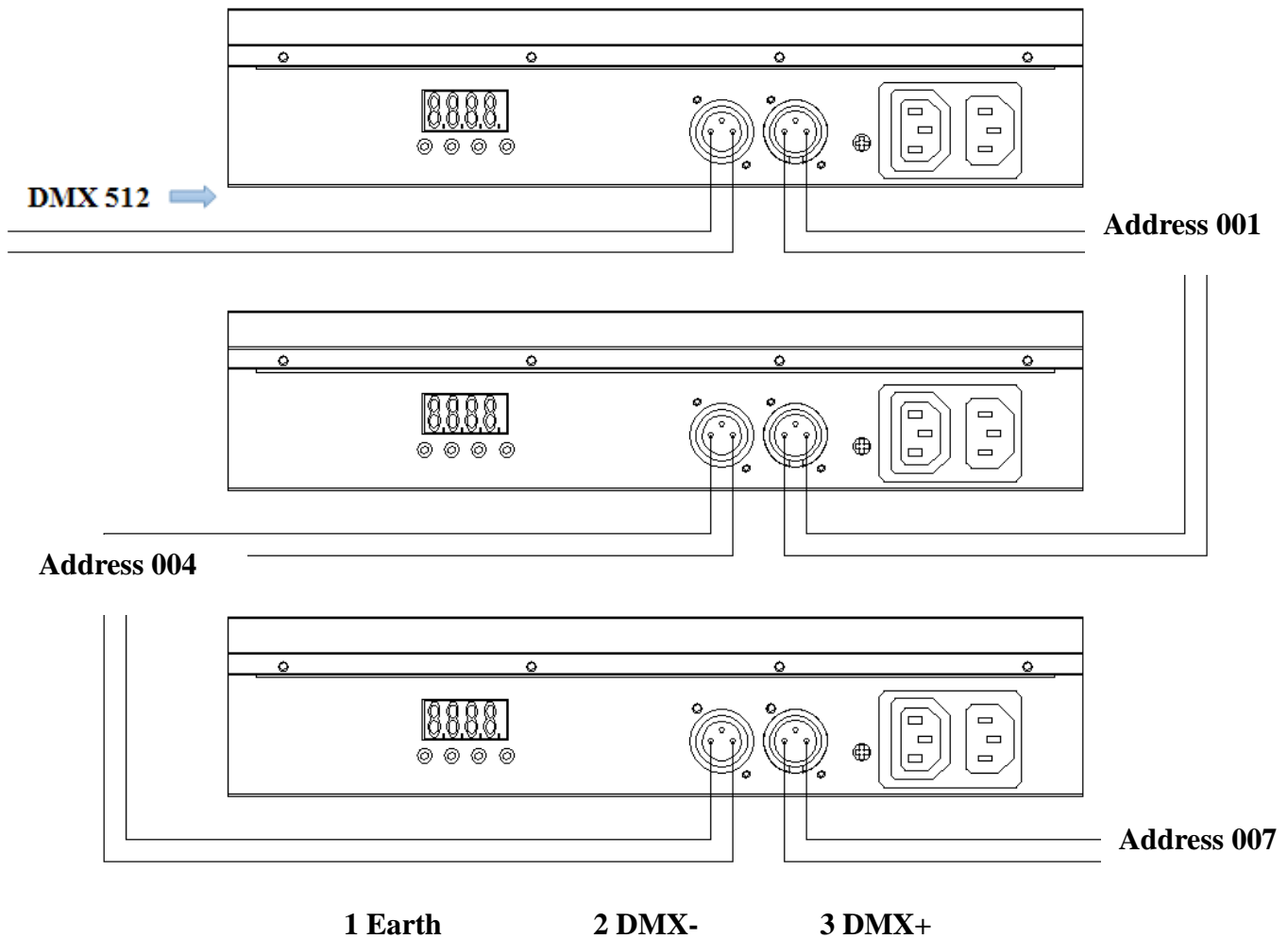
**(Female)**



**3-pins DMX In**

**(Male)**





### 五、DMX address setting

Each fixture must set a specific starting address. When receiving signal transmission, fixture will receive channel control signals which from the starting address.

According to different requirements or easy to use, the user can set many value fixtures to the same address, also can set up a separate address for every device.

If you set the same address, all the devices will receive from DMX channels signal. All connecting fixtures are jointly controlled, controller can't separate control a device.

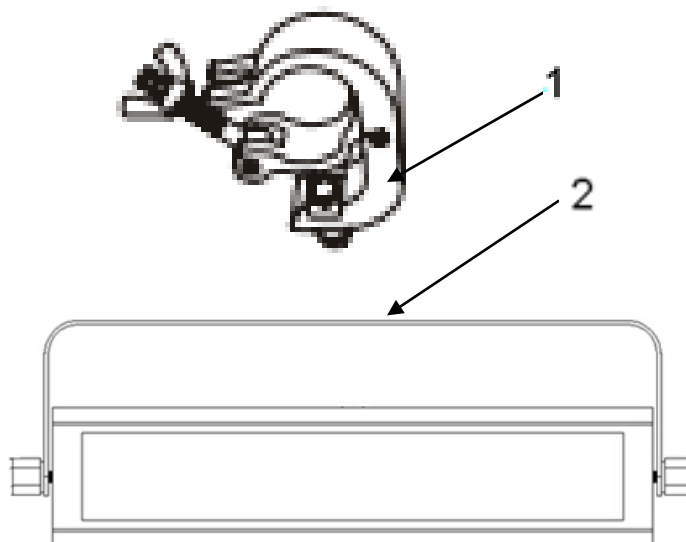
If you set a different address, each device will be separate from its particular set the starting address and begin accepting DMX512 control signal, so that more convenient separate control one device. Using this method must be based on channel quantity of device to determine a starting address.

If led light has 3 channels, you should set the starting address of the first unit to 1, the second unit to 4(3 + 1), the third unit to 7 (3+ 4), and so on.

### Ringing

1 Mounting bracket

2 Hanging bracket



- 1) The applicable temperature for the lighting is between  $-25^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ . Do not use the lighting under or above the temperature.
- 2) The installation of the effect has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.
- 3) The installation must always be secured with a secondary safety attachment, e.g. an appropriate safety rope. Never stand directly below the device when mounting, removing or servicing the fixture.
- 4) The operator has to make sure the safety relating and machine technical installations are approved by an expert before taking the device into operation for the first time.
- 5) These installations have to be approved by a skilled person once a year.
- 6) M8 screws on the mounting bracket which for fixed between hanging bracket's  $\varnothing 12.5\text{mm}$  hole.

### Cleaning and maintenance

Cleaning should be performed every 15-day period, by using a sponge which is dipped with alcohol, rather than wet cloth or other chemical liquid, to clean the mirror.



#### CAUTION

Cut off power before cleaning and maintenance!

### Attention

Do not see directly light source when open the light, and make sure power off before do any installation or maintenance.



#### CAUTION!

Never look directly into the light source,  
as sensitive persons may suffer an epileptic shock.



#### CAUTION

Wires connection must be professional person!

## Warranty Card

**We will provide 1 year warranty under the condition that user has operated the light normally and lifetime service. We won't provide warranty if the damage is caused by artificial or force majeure event. Please cut this warranty card and shipped it along with the product to our factory when applying for warranty.**

<b>Product:</b>	<b>Purchasing date:</b>	<b>Code of invoice:</b>
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<b>Warranty date: From</b>	<b>To</b>
----------------------------	-----------

<b>User's name:</b>	<b>Add:</b>
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<b>Company:</b>	<b>Tel:</b>
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